HD Review Mirror Recorder

User manual

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Chapter I: Appearance & Installation

1.1 Host

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OK
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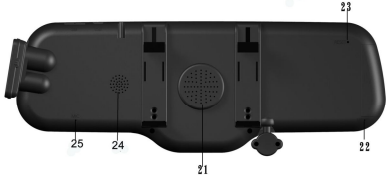


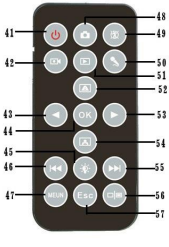
0.BMW power interface	1. Display	2. Forward camera	3. Rear-view mirror
4. Bluetooth earphone	5.Screen switch	6. .Power switch	7.Lock
8. Headset charger	9.MODE	10.MENU	11. Page up
12.Page down	13. OK	14.Remote control receiver	15.Earphone jack
16.TFcard slot	17.Recorder USB interface	18. Radar USB interface	19.GSM slot
20. Stretch clamp	21.Speaker	22.MIC	23.Reset
24.Speaker	25.MIC		

1.2 power line

26. Power interface	27.Power line	28. Video detection	29.Back camera
30.camera line male	31. Extension female	32. Extension female	33.Car charger switch

34.Car charger female	35.Yellow ACC	36 camera line female	37.Fuse box
38.Red power positive	39.Blackpower negative	40. Video detection	41.AV in
42. .Car charger male			

1.3 Remote control keypad (optional)



41. Power key	42. Video mode	43. Left key	44.OK
45.Fill flash	46.Fast forward	47.MENU	48. Photographs

49. Motion detection	50. Mute	51. Video playback	52.Up/lock
53.Right	54.Down	55.Fast rewind	56. Camera switching
57.Esc			

1.4 Installation instructions

1.4.1 Installation method I (no time-lapse REC)

1. Test all function before you install, confirm that no further problems.

   【Warming】Please use the higher class TF card (Class6 above), the capacity of the card is not less than 512 MB and maximum capacity is 64GB.

2. Fixed the recorder in the rearview mirror of the car. Connect graph 0 with graph 26,then follow with graph 58, When connect Visual extension, please connect graph 32 with graph 36 and connect graph 31 with graph 30. Connect graph 28 with positive of reversing lamp, then connect car charger graph 34 with graph 42. Insert the car charger to the car cigarette lighter turn on graph 33.

   【Warming】The charging extension cord can be run up along the edge of the windscreen.

【Warming】our review mirror power on will power on and cut off will shut down.

【Warming】When the machine is installed correctly, the recorder enter into recording state, please check if the display screen is normal, such as display images of inverted image, please do not hesitate to contact us.

1.4.2 Installation method II (time-lapse REC)

Cut off graph 35 ACC yellow line then connect with car ACC+, cut off graph 39 GND black line to connect with car power negative, then cut off graph 38 red line connect with battery positive .the follow will same with method I

【Warming】Not be charged in the installation process

Graph 58

Chapter II：Functional Description

2.1 The power key 6

Switch function

press the power button for 3 seconds to start the machine, the machine will start to work automatically. When power on press the power button for 3 seconds then the machine will save the video file and turn it off automatically

2.2 Turn on/off screen 5

In the boot state, press one time closed screen, press again will be restart

2.3 The locking function 7

In video mode, if happed accident , short press the key then the time of the accident in the first 10 seconds and after 20 seconds will be saved to a special file, and the file will be not covered circularly.

2.4 MODE 9

Press the mode button to switch the camera /Photograph / playback

2.5 MENU 10

In standby mode,，press the MENU button to enter into the main menu for setting，press the PAGE UP/PAGE DOWN button to choose the option you need to set，then press the OK button to confirm. Press the MENU button after setting until it exits the setting menu interface

2.6 Page up / /Motion detecting 11

A. Page up

It is capable of page-up capability in menu..

B. Motion Detection

In standby mode, press the PAGE DOWN button for a moment to switch to the motion detecting mode. Press the PAGE DOWN button to exit the motion detecting mode when not recording.

2.7. Page down/MUTE 12

A. Page down

It is capable of page-down capability in menu.

B. MUTE

In standby mode, press the PAGE DOWN button will in Silent Mode press again will recovered

2.8 Video/ OK 13

A .Start recording

In standby mode, press the VIDEO button shortly to enter into video mode, press again the VIDEO button to stop videoing.

B.OK

In standby mode/photograph mode /playback mode, touch the MODE for 3 seconds to enter into the main menu mode, touch the PAGE UP or PAGE DOWN to browse, touch the VIDEO button to make sure your choice.

2.9 RES 23

If the machine crashed, press the RES button shortly to restart the machine.

Chapter III：Operation Instruction

3.1 Automatic Recording

Start the car engine, the recorder will start and record automatically, turn off the car engine, the recorder will save

recorded contents and turn off automatically .the video file save on the TF card partly. When the TF card is full, it will cover the earlier video file automatically.

【Warming】

a. Recorded time can be set in menu settings, you can set1/2/5 minutes duration for videoing.

b. The former and back camera video files are saved in folder DCIMA and DCIMB apart in the TF card. Normal folder is for NORMAL, locked folder is for LOCK.

3.2 Manual Recording

Press the POWER button for 3 seconds to start the machine and it will start to video automatically. When power on press the POWER button for 3 seconds again then the machine will save the video file and turn it off automatically.

3.3 Photograph

When power on press the MODE button shortly to enter into the photograph mode，then the video icon will transform into the camera icon. Press the OK button and you can take a picture .Press the MODE button twice you can video again.

3.4 Motion Detection

In standby mode, press the PAGE DOWN button for a moment to switch to the motion detecting mode. When the camera would not feel the object moving for 5 seconds, the system will stop videoing. If you want to exit the motion detecting mode when not recording, press the PAGE DOWN button for 3 seconds.

. 【Warming】

This setting will not be saved, it will restore to the video mode next time you start.

3.5 Collision Induction

In video mode, if it takes place the vehicle collision, short press the menu button to start the emergency locked function. Then the time of the accident in the first 10 seconds and after 20 seconds will be saved to a special file, and the file will not be covered circularly.

G–sensor is built in the machine. If it takes place the serious vehicle collision the recorder will save the video of the accident in the first 10 seconds and after 20 seconds to a special file and the file will not covered circularly. At the same time the bottom left of the screen will appear the locked icon.

【Warming】

The locked video file was begun with ZW and the common file was begun with AW.

G-sensor can support sensitivity adjustment; you can set your option according to your actual needs.

3.6 Locked

The machine have the locked function, you can lock the video file you need to keep without be covered circularly .In video mode, press the MODE button the recorder will lock the video of the time in the first 10 seconds and after 20 seconds.

3.7 Date and Time Setting

In standby mode, press the MODE button to enter into the system menu for setting. Settings menu short according to turn down/set the cursor movement to date options short press OK key to confirm, enter the Settings menu settings.

【Warming】

In order to record the date and time of the safety accident of forensics effectively, please set the correct time before using this machine.

3.8 MUTE

In video mode, press the MUTE button to close the recording when videoing and the bottom left of the screen will appear the forbidden Microphone icon. At this time the recorder is just videoing without recording Press again, it

recovers recording and the forbidden icon will disappear.

3.9 USB Flash Disk

Use the data cable to connect the recorder to the computer USB then the screen will appear three Modes that are Disk、Camera and Charging. Press the PAGE UP/PAGE DOWN button to choose disk options, press the OK button to enter into USB mode.

【Warming】

When using computer to copy video file, it is recommended to use card reader to copy.

3.10 Video File Playback

When power on, press the MODE button twice to enter into the file playback mode. Press the PAGE UP or PAGE DOWN button shortly you can choose the file you need to playback, then press OK and the recorded file will play. If you want to exit press the MODE button again.

3.11 GPS (optional)

Power on, when the GPS module didn't insert to the AV port, the GPS icon is forbidden. Insert GPS module to the AV port manually, the forbidden icon will disappear and the icon is glimmering. It will position to the track outdoor in a minute. The GPS indicator icon stop glimmering means GPS positioning success. Open video recording, walking track will generate GPS files automatically.

【Warming】The format of GPS file is MAP.

3.12 Review video/Reversing Visual

Firstly, it is necessary to connect the car charger with the recorder then connect the RVB of back drawing camera with the car light.

When connect the car charger with the recorder, the machine will start videoing automatically. In any state switch R

gears the screen will switch to the rearview mirror automatically and shows reverse images .after reversing visual machine automatically. It will return to video mode after backing up.

【Warming】Backing up in the photo mode, it will return to photo mode automatically after backing up.

Chapter Ⅳ：Product Specifications

Image Sensor (Built in)	120Wor500W
Back Camera Resolution	D1，720×480/ VGA640×480
Camera Angle	120。
Video resolution	HD1280×720、VGA640×480 S/30 帧
	1080P(1920*1080) S/20 帧
Photo resolution	2048×1536
	2560*1920
Storage Compression Way	H.264
GPS Trajectory Format	MAP
Video Format	MOV
Picture Format	JPEG
Storage Temperature	-30˚C~70˚C
Operating Temperature	0˚C~50˚C
Operating Humidity	15-65%RH
Memory card Capacity	Highly support 64GB
Standard Voltage	DC5V

Chapter V：Warranty Card

Date:

Name		**Sex**		**Age**	
Address					
Telephone			**Zip code**		
Purchase place					
General Specifications			**Sale No.**		
Price			**Serial No.**		

Guarantee Clause：

1. The goods can be exchanged in one months from the date of sale (product packaging is in good condition or no scratches), one year warranty.
2. The warranty service will only be effective under normal use, not including artificial damage.
3. We will charge material cost when incorrect operation results in damage to the machine
4. Teardown、 damaged labels and violation of national warranty regulations, do not belong to the scope of warranty, our company have the right to reject process after sale service.
5. Provide the card when warranty, not provide the card r or unilateral amendment our company have the right to reject process after sale service.